

# Buzzword



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Next Meeting

June 18th, 2002

Integrated Pest Management, A Practical Guide – Part 2

We will be discussing IPM techniques to manage TM, Foul-brood and Nosema

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- President:  
Paul Hosticka 360-297-3614
- Vice President:  
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- Secretary:  
Tricia Sullivan 360-779-1210
- Treasurer:  
George Purkett 360-895-9116
- Program Coordinator:  
Barabara Stedman 360-692-9453
- Librarian:  
Roy Barton 360-613-0175
- Interim Newsletter Editor:  
Stephen Augustine 360-779-1210

## A Tribute to Jon

It is with a profound sense of loss and deep sadness that I note the passing of Jon Iverson. Jon had a massive heart attack and died at home on June 2nd. Jean relays that it was sudden and unexpected and that he died quickly and without suffering and for that at least we can be thankful.

Jon has been a member of our association from the beginning and very early on he voluntarily stepped up and took the reins as newsletter editor. Term limits gave relief to all the other officer positions in the group but Jon just kept on going. He was always there in the back of the room making notes and taking pictures and put out his first rate Buzzword every month without fail for over 5



Newsletter Editor and Friend: Jon Iverson

years. The newsletter is a huge part of the glue that holds an association together and to have a person of dedication and reliability at the helm was a great blessing. Jon seldom complained about the load and when he did all he got was a pat on

the back and a thank you and he went back to work. I know that I speak for all when I say that I have lost a dear friend and fellow beekeeper and that Jon will be missed and always remembered

(contd. on page 3)

## AT THE LAST MEETING

**Treasurer's Report:** All members should please check George's list to make sure your dues have been paid for 2002.

**Program:** Paul Hosticka and Ste-

phen Augustine introduced the topic of Integrated Pest Management. They began with IPM approaches to varroa mites and will continue the topic for other pests and diseases at the June meeting.

**Announcements:**

\* WSBA member, Tim Lindberg, of Bainbridge Island died on May 7<sup>th</sup>. Paul sent a card to his family on behalf of WSBA.

(contd. on page 3)



**Get well  
wishes go  
out to:**

Betty Schicker had heart valve surgery recently and is doing well. We hope for a speedy recovery.

If you know of a member who has been ill let us know at (360)779-1210 or (360)297-3614

*"There is nothing to be found in a beehive that is not submerged in a bee. And yet you can search a bee forever with cyclotron and fluoroscope, and you will never find the hive."*

- Kevin Kelly

### FOR SALE

12 oz capacity jars with Gold plastic lids included. 2.75 diameter x 4.75 high Mason jar lids will also work

\$2.00 per case of 12  
Contact: Al or Barbara

**Stedman's Bee  
Supplies  
360-692-9453**

## BASICS IN NORTHWEST BEEKEEPING

Adapted from Ron Bennett (<http://members.aol.com/beetools/>)

### June -

Examine each colony every 10 days and treat as in May. Give supers with foundation, but only to those colonies that are working in the supers. Place new supers directly over the queen excluder (if you are using one), except towards the end of the month reduce the number of empty combs provided in the supers to about five.

Order queens for July delivery. Losing a queen now or having a failing queen now will dramatically effect your honey crop. You will need queens to make your June nucs even if you do

not plan to expand the number of hives you have. Having nucs on hand will allow you to successfully requeen colonies late into the year.

Give supers with foundation as long as there is nectar coming in, the bees will draw the foundation into comb.

Keep on the lookout for American Foulbrood. You can spot it by piercing sunken capped brood with a tooth pick (or similar tool) and looking for "stringy" filling in place of brood. A second method is to hold the comb by the top bar at an almost flat angle, with the sun to your back, look for dark

or black scale on the bottom of cells in the brood area. Treat with terramycin if warranted, but do not treat when supers are on from which you intend to extract honey.

Check your stored comb for possible wax moth infestation - like rust, wax moths never seem to sleep.

Remove and extract the supers containing well ripened honey. Give the single story colonies getting full of bees a second story.

Make your plans for your county and state fair entries.

## BEE MENTOR PROGRAM

WSBA has begun a mentor program. Following are the people who have signed up as volunteers to assist new beekeepers with advice and on site assistance. They will also respond to most calls for swarm capture.

### South Kitsap:

George Purkett, (360)895-9116, purkettg@nwinet.com

### Central Kitsap:

Mike Johnson, (360)830-0295, mlj@hurricane.net  
Roy Barton, (360)613-0175, honeyhill@tscnet.com

### North Kitsap:

Paul Hosticka, (360)297-3614, phos@tscnet.com  
Paul Lundy, (360)297-6743, lundyknox@att.net

### Poulsbo (10 mile radius):

Stephen Augustine, (360)779-1210, saugusti@krl.org

If you would like to be added to the mentor list please contact Paul Hosticka at (360)297-3614

## ...A TRIBUTE TO JON (contd. from page 1)

for his great contributions to our association. Our sympathy goes out to Jean and his family and we hope that they can find some comfort in the knowledge that all of us who knew Jon share the burden of their loss. With Tim Lindberg's death last month and Jon's this month we have had ample reason for grief. Let us hope that as we work in the bee yard and continue the craft of beekeeping that we are serving their memory.

I give great thanks to Stephen Augustine for volunteering to put out this month's issue on short notice. We need to find someone that will take on

the considerable burden of newsletter editor. So if you are that person or can help that person come to this month's meeting and bask in the gratitude of the assembled membership. I'm afraid that is all we can offer in wages but it is surely something more precious than gold.

This month we will continue our discussion of IPM strategies. None of us know anything for certain about this so it is truly a group effort but one that is necessary if we are to find solutions and methods that will allow us to continue to keep healthy and productive bees. We will talk about T-mites,

AFB and Nosema and anything else that comes up.

June is a month when we finally get to see some reward for a year's effort in the bee yard. The supers are filling with nature's bounty and the joy of visiting the yard in the long twilight and smelling the ripening honey and watching the girls fanning on the porch gives deep satisfaction. Never mind the ones hanging in the trees or the case of foul-brood you found, for a while just enjoy and know that the wheel keeps turning and that all will be well. Hope to see you on Tuesday.

Paul

### The Queen

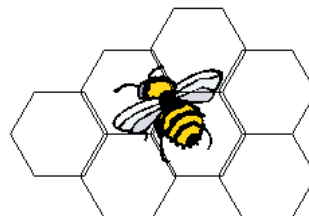
*"She is not its queen in the sense in which men use the word. She issues no orders; she obeys, as meekly as the humblest of her subjects, the masked power, sovereignly wise, that for the present, and till we attempt to locate it, we will term the 'spirit of the hive.' But she is the unique organ of love; she is the mother of the city. She founded it amid uncertainty and poverty. She has peopled it with her own substance; and all who move within its walls--workers, males, larvæ, nymphs, and the young princesses whose approaching birth will hasten her own departure, one of them being already designed as her successor by the 'spirit of the hive'-- all these have issued from her flanks.*

- Maurice Maeterlinck, 1901, *The Life of the Bee*

## ...AT THE LAST MEETING (contd. from page 1)

- \* Registration forms for the State Fall Conference are available from Paul. It will be held from October 24<sup>th</sup> -26<sup>th</sup>.
- \* For more information about formic acid applications see Paul.
- \* A mentor list is available in the newsletter for anyone who would like assistance or advice from fellow beekeepers.
- \* Bookbinding of any bee magazines is available from David Myhre. Please contact him for more information.
- \* Randy Billick is hosting a sale of bee equipment this week. Everything must go!

Submitted by:  
Tricia Sullivan, Secretary  
June 1, 2002



### Refreshment Schedule

June: Tim Willmann & Dennis Heeney  
July: -open-  
August: Summer Picnic  
September: Mike Hoey  
October: -open-  
November: -open-  
December: Dinner Meeting

If you are unable to fulfill your commitment to provide refreshments for a meeting please notify President Paul Hosticka at the next meeting or by giving him a call at 360-297-3614

### Beekeepers Online

Subscribe to the premier beekeeping listserve BEE-L at:  
<http://listserv.albany.edu:8080/cgi-bin/wa?SUBED1=bee-l&A=1>

Talk with the Biological Beekeeping Group by subscribing at:  
<http://groups.yahoo.com/group/BiologicalBeekeeping/>

### Interim Editor's Note:

If you would like to take over the Editorship of *Buzzword* please contact either Paul Hosticka at 297-3614 or Stephen Augustine at 779-1210

Articles of interest to beekeepers are welcomed. Submit articles and announcements to Stephen Augustine at:

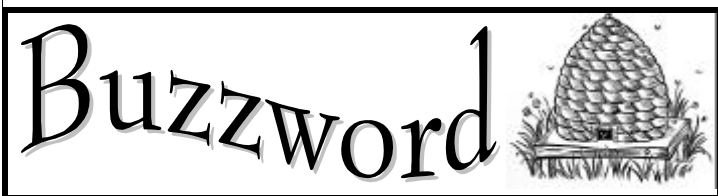
Email: [saugusti@krl.org](mailto:saugusti@krl.org)  
Mail: 401 B Liberty St NW, Poulsbo, WA 98370

### Integrated Pest Management (IPM) Decision Making Process

*IF pest suppression treatments are needed, WHEN are they needed, WHERE are they needed, WHAT mix of control tactics could be used.*

DISEASE	PREVENTION	MONITORING	SOFT TREATMENT	LAST RESORT
<b>VARROA</b>	<ul style="list-style-type: none"> <li>▪ New breeding stock such as Russians, SMR bees or hygienic bees with a propensity for grooming</li> <li>▪ 4.9 mm foundation as practiced by the Lusby's (opposed to 5.4 and higher)</li> <li>▪ Drone trapping and freezing</li> <li>▪ Avoid exposing your bees to other infected hives</li> </ul>	<ul style="list-style-type: none"> <li>▪ Visual observation for deformed bees (wings)</li> <li>▪ Screened bottom board, sugar roll, ether roll, alcohol wash, drone sampling</li> <li>▪ Sticky board and 24 hour mite drop with strips. Less than 25 mites require no treatment.</li> <li>▪ Threshold levels - 5 to 10% total infestation by phoretic (freely moving) mites.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Formic acid</li> <li>▪ Food Grade Mineral Oil (FGMO)</li> <li>▪ Drone trapping</li> <li>▪ Experimental Mite Zapper?</li> <li>▪ Essential oils, thymol, Apilife-var etc.</li> <li>▪ Sugar ester spray, powdered sugar dusting</li> </ul>	<ul style="list-style-type: none"> <li>▪ Apistan (fluvalinate)</li> <li>▪ CheckMite (Coumaphos)</li> </ul>
<b>TM</b>	<ul style="list-style-type: none"> <li>▪ Year-round treatment with grease patties</li> <li>▪ TM resistant stock such as New World Carniolans</li> </ul>	<ul style="list-style-type: none"> <li>▪ Visual observation for crawlers and K-Wings</li> <li>▪ Sample bees on top of frames and send to a diagnostics lab</li> <li>▪ Threshold levels - 10 to 15%</li> </ul>	<ul style="list-style-type: none"> <li>▪ Continual grease patties</li> <li>▪ Menthol</li> <li>▪ Formic Acid</li> <li>▪ Oxalic Acid?</li> </ul>	
<b>NOSEMA</b>	<ul style="list-style-type: none"> <li>▪ Good ventilation year round</li> <li>▪ Good apiary location/conditions</li> <li>▪ Give the bees good quality feed</li> <li>▪ Reduce stress when possible.</li> <li>▪ Replace combs after five years of use</li> </ul>	<ul style="list-style-type: none"> <li>▪ Look for streaking on the outside of the hive and inside the hive</li> <li>▪ Poor spring brood build-up</li> <li>▪ Sample bees and send to a diagnostics lab</li> </ul>	<ul style="list-style-type: none"> <li>▪ Fumidil-B</li> </ul>	
<b>AFB</b>	<ul style="list-style-type: none"> <li>▪ Use hygienic bees such as Marla Spivak's Minnesota Hygienic Bees</li> <li>▪ Avoid using old equipment or sterilize any old equipment that you obtain</li> <li>▪ Avoid exposing your bees to infected hives</li> </ul>	<ul style="list-style-type: none"> <li>▪ Monitor by close inspection of brood every 10 days, look for perforated or sunken cappings, scales in old comb.</li> <li>▪ Remove and destroy combs with ANY infected cells.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Terramycin (Hygienic bees can cope with AFB by containing small outbreaks)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Destroy hives</li> <li>▪ Dispose of infected combs, sterilize other equipment.</li> </ul>

*Hosticka/Augustine, May 2002*



**West Sound Beekeepers Association**  
**10982 NE Tulin Rd**  
**Kingston, WA 98346**

**Next Meeting:**  
 Tuesday June 18th, 7:00p.m., At Stedman's  
**Program:**  
 Integrated Pest Management – Part 2